

What is Claimed:

1. In the process of forming an overbased  
alkaline earth metal organic complex of a carboxylic  
acid by the reaction of a basic alkaline earth metal  
compound, and alcohol and/or glycol, a carboxylic  
acid, and carbon dioxide, wherein the improvement  
consists of using, as the carboxylic acid, one or more  
non-fatty alkyl group-containing carboxylic acid(s)  
selected from the group consisting of an non-fatty  
alkyl group-containing carboxylic acid(s), alkyl  
group-substituted aromatic carboxylic acids,  
unsubstituted aromatic carboxylic acids, and mixtures  
thereof.

2. A process as claimed in Claim 1 wherein the carboxylic acid contains an alkyl group of up to eight carbon atoms.

5 3. A process as claimed in Claim 2 wherein the acid is 2-ethylhexanoic acid.

10 4. A process as claimed in Claim 1 wherein the carboxylic acid contains an alkyl-substituted or unsubstituted aromatic group.

15 5. A process as claimed in any of Claims 1 to 4 wherein the molar ratio of alkaline earth metal compound to such acid in the initial reaction medium is from about 2.5 to about 7.5 moles for each mole of acid.

20 6. A process as claimed in any of Claims 1 to 4 wherein the alkaline earth metal is barium.

25 7. In the process of forming an overbased barium organic complex of a carboxylic acid by the reaction of a basic barium compound, and alcohol and/or glycol, a carboxylic acid, and carbon dioxide, wherein the improvement consists of using, as the carboxylic acid, one or more non-fatty alkyl group-containing carboxylic acid(s).

8. A process as claimed in Claim 7 wherein the carboxylic acid contains an alkyl group of up to eight carbon atoms.

5 9. A process as claimed in Claim 8 wherein the acid is 2-ethylhexanoic acid.

10 10. A process as claimed in Claim 7 wherein the carboxylic acid contains an alkyl-substituted or unsubstituted aromatic group.

15 11. A process as claimed in any of Claims 7 to 10 wherein the molar ratio of alkaline earth metal compound to such acid in the initial reaction medium is from about 2.5 to about 7.5 moles for each mole of acid.

20 12. An overbased alkaline earth metal organic complex of a carboxylic acid formed by the process of any of Claims 1 to 11.

13. A polyvinyl chloride composition comprising the overbased alkaline earth metal organic complex of a carboxylic acid as claimed in Claim 12.